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FIFTH ANNUAL CATALOGUE

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OF THE

OFFICERS AND STUDENTS

OF THE

UNIVERSITY OF KANSAS.

1870--71.

LAWRENCE, KANSAS:
EXCELSIOR BOOK AND JOB PRINTING OFFICE.
1871.

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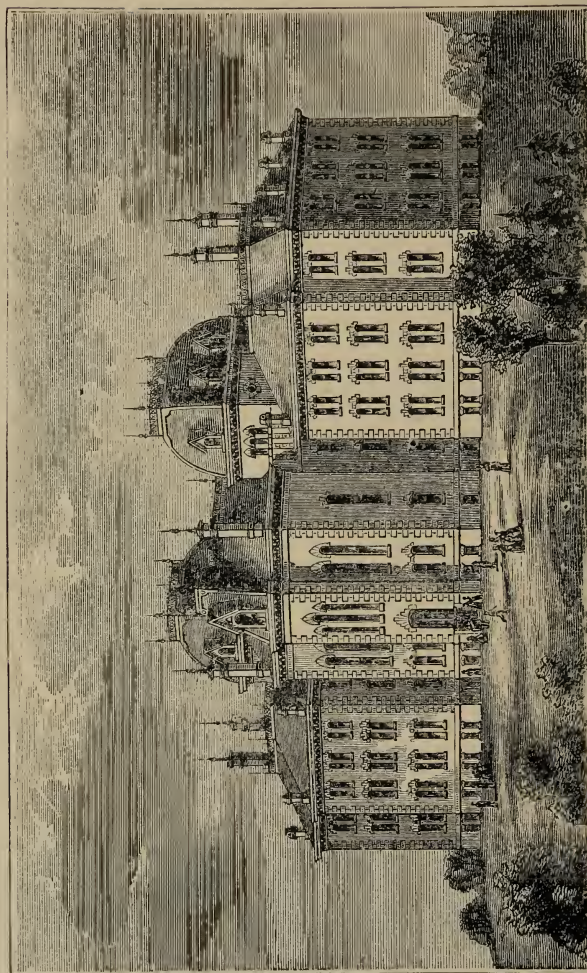
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THE NEW UNIVERSITY BUILDING, ERECTED BY THE CITY OF LAWRENCE.

Dimensions:—Length, 246 ft.; width in center, 98 ft.; width of wings, 62 ft.; height of observatories, 95 ft. The total number of rooms, 54, including a hall, which is 94 ft. long, 56 ft. wide, and 35 ft. high. All the rooms are to be devoted to the work of instruction. The Departments of Chemistry, Physics, Natural Sciences, Mechanics, Engineering, and Drawing, will *each* have a suite of four rooms, viz: a lecture room, 23x45 ft.; a laboratory room for beginners, 19x52 ft.; a laboratory room for advanced students, 21x45 ft.; and a room for apparatus and consulting library, 11x35 ft. The building is now (February, 1871) nearly enclosed. A full description, with illustrative diagrams, will be published in the next annual catalogue.

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EXCELSIOR BOOK AND JOB PRINTING OFFICE.

1871.

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INSTRUCTOR IN CHEMISTRY.

J. E. BARTLETT,
INSTRUCTOR IN VOCAL MUSIC.

Collegiate Department.

CLASSICAL COURSE.

NAMES.

RESIDENCES.

Sophomore Class.

Ralph Collins,	<i>Wilkinsburg, Pa.</i>
L. D. L. Tosch,	<i>Upshur, O.</i>

Freshman Class.

Alice G. Boughton,	<i>Moravia, N. Y.</i>
Abbie E. Noyes,	<i>Wakarusa.</i>
Hannah Oliver,	<i>Lawrence.</i>
Eunice M. Pease,	<i>Lawrence.</i>
Lizzie A. Williams,	<i>Franklin.</i>
Frank F. Dinsmoor,	<i>Wakarusa.</i>
John C. Donaldson,	<i>Washington, Iowa.</i>
Edward P. Farren,	<i>Lawrence.</i>
Isaac Kalloch,	<i>Wakarusa.</i>
Laban L. Kirk,	<i>Garnett.</i>

SCIENTIFIC COURSE.

Junior Class.

May Stephens,	<i>Wakarusa.</i>
Frank L. Weaver,	<i>Olathe.</i>

NAMES.

RESIDENCES.

Sophomore Class.

Ada Dunlap,	<i>Pittsburgh, Pa.</i>
Fannie S. Saunders,	<i>Wakarusa.</i>
Susan D. Savage,	<i>Wakarusa.</i>
Gertrude E. Welch,	<i>Wakarusa.</i>
Murray Harris,	<i>Bowling Green, Mo.</i>

Freshman Class.

Alice J. Archibald,	<i>Washington, D. C.</i>
Ida L. Blood,	<i>Lawrence.</i>
Mertie C. Brett,	<i>Wakarusa.</i>
Susan A. Bullene,	<i>Lawrence.</i>
Laura A. Morrow,	<i>Lawrence.</i>
Sarah Sarchet,	<i>Ottawa.</i>
James Wickersham,	<i>Diamond.</i>

SELECT COURSE.

Mary A. Anderson,	<i>Lawrence.</i>
Fannie B. Bigelow,	<i>Lawrence.</i>
Kate E. Bullene,	<i>Lawrence.</i>
Annie Y. Fuller,	<i>Lawrence.</i>
Lucie F. Gleason,	<i>Lawrence.</i>
Louisa Guest,	<i>Lawrence.</i>
Emma V. Hadley,	<i>Lawrence.</i>
Carrie M. Hunt,	<i>Wakarusa.</i>
Margaret Hutchison,	<i>Greenfield, O.</i>
Henrietta Manlove,	<i>Pontiac, Ill.</i>
Lucy B. Sells,	<i>Baldwin City.</i>
Mary M. Sutherland,	<i>Lawrence.</i>

STUDENTS.

9

NAMES.	RESIDENCES.
Georgiana I. Thacher,	<i>Hornellsville, N. Y.</i>
Antoinette L. Williams,	<i>Franklin.</i>
Charles Mendenhall,	<i>Lawrence.</i>
George A. Richardson,	<i>Monroe, Wis.</i>
Walter S. Shotwell,	<i>Alexandria, Minn.</i>
C. F. W. Treptow,	<i>Lawrence.</i>
Everett De Witt,	<i>Wakarusa.</i>

Preparatory Department.

CLASSICAL COURSE.

NAMES.	RESIDENCES.
Senior Class.	
Mattie M. Cone,	<i>Lawrence.</i>
Kate Stephens,	<i>Wakarusa.</i>
Samuel A. Carson,	<i>Wakarusa.</i>
George F. Gaumer,	<i>Wakarusa.</i>
Elias Hughson,	<i>Wakarusa.</i>
Byron N. Rooks,	<i>Burlingame.</i>
Elmer B. Tucker,	<i>Lawrence.</i>
Arthur Woodcock,	<i>Tonganoxie.</i>
Middle Class.	
Maggie Herrington,	<i>Lawrence.</i>
Jennie B. Herron,	<i>Lawrence.</i>
Charles F. Bassett,	<i>Galesburg, Ill.</i>
Thomas W. Boynton,	<i>Chicago, Ill.</i>
Thomas S. Devereux,	<i>Lawrence.</i>
Junius G. Hadley,	<i>Wyandotte.</i>
Harry A. Metcalf,	<i>Ottawa.</i>
Frank H. Morgan,	<i>Oswego.</i>
William Osburn,	<i>Wilmington, Ill.</i>
Nelson J. Stephens,	<i>Wakarusa.</i>

NAMES.

RESIDENCES.

Junior Class.

Addie F. Bangs,	<i>Boston, Mass.</i>
A. Gertrude Bullene,	<i>Lawrence.</i>
M. Jennie Critzer,	<i>Wakarusa.</i>
Alice E. Goss,	<i>Wakarusa.</i>
Mary E. Herrington,	<i>Lawrence.</i>
Abbie A. Holt,	<i>Humboldt.</i>
Annie I. Lawrence,	<i>Washington, D. C.</i>
Mary E. McClure,	<i>Lawrence.</i>
Ella F. Morgan,	<i>Oswego.</i>
Louisa Rankin,	<i>Lawrence.</i>
Emma Richards,	<i>Lawrence.</i>
N. Alma Richardson,	<i>Monroe, Wis.</i>
Grace E. M. Scoullar,	<i>St. John's, N. B.</i>
Alice Smith,	<i>Olathe.</i>
Mary A. Sparr,	<i>Grant.</i>
Mary H. Thacher,	<i>Lawrence.</i>
Selina Wilson,	<i>Lawrence.</i>
Fernando S. Barber,	<i>Canterbury, Conn.</i>
Michael Burns,	<i>Long Island, N. Y.</i>
Samuel Howell,	<i>Wakarusa.</i>
John P. Lawrence,	<i>Washington, D. C.</i>
Henry E. Lewis,	<i>Lawrence,</i>
Floyd McMahon,	<i>Fredericksburg, Ia.</i>
Walter E. Pearson,	<i>Wakarusa.</i>
Brenton Turbett,	<i>Sigel.</i>
Lauren E. Watkins,	<i>Franklin.</i>

SCIENTIFIC COURSE.**Senior Class.**

Martha R. Campbell,	<i>Port Matilda, Pa.</i>
De Witt R. Deming,	<i>Wakarusa.</i>

NAMES.	RESIDENCES.
Charles Kennedy,	<i>Wakarusa.</i>
Eugene Kennedy,	<i>Wakarusa.</i>
Orvis E. Strong,	<i>Lawrence.</i>

Middle Class.

Ida Berry,	<i>Independence.</i>
Mary C. Burnett,	<i>Grant.</i>
Mary A. Eidemiller,	<i>Lawrence.</i>
Mary A. Gleason,	<i>Lawrence.</i>
Florence N. Hendry,	<i>Wakarusa.</i>
Ella F. Kimball,	<i>Lawrence.</i>
Sarah E. Longfellow,	<i>Wakarusa.</i>
Mary E. Moore,	<i>Lawrence.</i>
Clara L. Morris,	<i>Lawrence.</i>
Jennie Pearson,	<i>Kanwaka.</i>
Ida F. Phillips,	<i>Lawrence.</i>
Gertrude Piper,	<i>Wakarusa.</i>
May E. Richardson,	<i>Monroe, Wis.</i>
Lucy W. Smith,	<i>Marietta, O.</i>
George D. Allen,	<i>Lawrence.</i>
Edward F. Burnett,	<i>Grant.</i>
Joseph R. Dunlap,	<i>Pittsburgh, Pa.</i>
John T. Grant,	<i>Wakarusa.</i>
Charles H. Grew,	<i>Wakarusa.</i>
William E. Moore,	<i>Lawrence.</i>
Gilbert H. Morgan,	<i>Grant.</i>
Ephraim Smith,	<i>Lawrence.</i>
J. R. Wallingford,	<i>Ottumwa.</i>

Junior Class.

Sarah L. Allen,	<i>Wakarusa.</i>
Sallie Anderson,	<i>Lawrence.</i>

NAMES.	RESIDENCES.
Jennie E. Balch,	<i>Lanesfield.</i>
Jennie S. Bowker,	<i>Lawrence.</i>
Anna M. Carpenter,	<i>Lawrence.</i>
Ada Charlton,	<i>Lawrence.</i>
Nellie Cole,	<i>Wamego.</i>
Ida Cramer,	<i>Lawrence.</i>
Ella Crandall,	<i>Lawrence.</i>
Mary E. Gaumer,	<i>Wakarusa.</i>
Ella M. Hadley,	<i>Lawrence.</i>
May Harris,	<i>Bowling Green, Mo.</i>
Emma Hawkins,	<i>St. Louis, Mo.</i>
Kate G. Jenkins,	<i>Lawrence.</i>
Flora Kennedy,	<i>Wakarusa.</i>
Estella Lindley,	<i>Lawrence.</i>
Cora Piper,	<i>Wakarusa.</i>
Lucy Robinson,	<i>Emporia.</i>
Kate S. Smead,	<i>Lawrence.</i>
Frank Tinkham,	<i>St. Joseph, Mo.</i>
Carrie M. Watson,	<i>Lawrence.</i>
Minnie Wiley,	<i>Waverly, Ill.</i>
Alice L. Wilson,	<i>Lawrence.</i>
Louis Crandall,	<i>Lawrence.</i>
Frederic Cranson,	<i>Oak Corners, N. Y.</i>
Benjamin Ellis,	<i>Mound City.</i>
John W. Henricks,	<i>Neosho Rapids.</i>
William S. Irvine,	<i>Wakarusa.</i>
David H. Montgomery,	<i>Lawrence.</i>
Frank C. Montgomery,	<i>Lawrence.</i>
Adam N. Oliver,	<i>Lawrence.</i>
Joseph Ross,	<i>Lawrence.</i>
Pitt Ross,	<i>Lawrence.</i>
Charles E. Sargent,	<i>Lawrence.</i>
Frank Sedgwick,	<i>Kansas City, Mo.</i>

NAMES.	RESIDENCES.
Charles Strong,	<i>Lawrence.</i>
John M. Walker,	<i>Wakarusa.</i>

SELECT COURSE.

Amelia Alexander,	<i>Lawrence.</i>
Lizzie Arms,	<i>Lawrence.</i>
Emma Barber,	<i>Clinton.</i>
Fanny Campbell,	<i>Sidney, O.</i>
Mary Carnes,	<i>Sunbeam, Ill.</i>
Mary L. Chamberlain,	<i>Wakarusa.</i>
Jennie Cole,	<i>Wamego.</i>
Mattie M. Davis,	<i>Lawrence.</i>
Lidie Durland,	<i>Lawrence.</i>
Eva Eldridge,	<i>Lawrence.</i>
M. Jennie Enochs,	<i>Wakarusa.</i>
Adella Huson,	<i>Lawrence.</i>
Emma Hyde,	<i>Grant.</i>
Annie Lane,	<i>Lawrence.</i>
M. Belle Leonard,	<i>Tonganoxie.</i>
Fannie Lum,	<i>Lawrence.</i>
Mary McCauley,	<i>Summitville, O.</i>
Flora Milner,	<i>Lawrence.</i>
Mary E. Mull,	<i>Lawrence.</i>
Gertrude B. Oliver,	<i>Lawrence.</i>
Alice A. Osborne,	<i>Lawrence.</i>
E. E. Phelps,	<i>Clyde, O.</i>
Ella Prentiss,	<i>Lawrence.</i>
Fannie S. Ross,	<i>Lawrence.</i>
Eva Shell,	<i>Lawrence.</i>
Kate Schmucker.	<i>Lawrence.</i>
Anna Sears,	<i>Clay Centre.</i>

NAMES.	RESIDENCES.
Emma Shearon,	<i>Grant.</i>
Hattie Shearon,	<i>Grant.</i>
Dacotah Skinner,	<i>Lawrence.</i>
Gertrude Stevens,	<i>Kansas City, Mo.</i>
Anne Tenney,	<i>Lawrence.</i>
Frank Thompson,	<i>Brighton, Ill.</i>
Clara Tweed, .	<i>Wakarusa.</i>
Luella Tweed,	<i>Wakarusa.</i>
Ella C. Walter,	<i>De Soto.</i>
Charles Ahlstrom,	<i>Wakarusa.</i>
Enoch Ballou,	<i>Tonganoxie.</i>
I. T. Barker,	<i>Wakarusa.</i>
S. N. Beavers,	<i>Ottumwa.</i>
Edwin L. Bruce,	<i>Lawrence.</i>
Absalom M. Casebier,	<i>Tonganoxie.</i>
Charles G. Casebier,	<i>Tonganoxie.</i>
John Cannon,	<i>Mound City.</i>
Austin Cook,	<i>Lexington.</i>
John Coons,	<i>Spring Hill.</i>
H. W. Deacon,	<i>Garnett.</i>
A. P. Elder,	<i>Ottawa.</i>
V. R. Elliott,	<i>Warrensburg, Mo.</i>
W. J. Van Eman,	<i>Leavenworth.</i>
Edwin Ferris,	<i>Neodesha.</i>
W. H. Fletcher,	<i>Erie.</i>
William Gethin,	<i>Atchison.</i>
Michael C. Hale,	<i>Hesper.</i>
H. Colby Hibbard,	<i>Spring Hill.</i>
Oliver J. Kennedy,	<i>Olathe.</i>
Gilbert Leeper,	<i>Lawrence.</i>
Albert Mendenhall,	<i>Shawnee.</i>
Charles W. Morrison,	<i>Freestone, O.</i>
F. M. Nichols,	<i>Ulster, Pa.</i>

NAMES.	RESIDENCES.
George W. Prater,	<i>Lane City.</i>
Philip Preisach,	<i>Lawrence.</i>
George Scholey,	<i>Kansas City, Mo.</i>
Henry Shepherd,	<i>Prairie City.</i>
Porter Skinner,	<i>Lawrence.</i>
Herbert L. Slosson,	<i>Lawrence.</i>
Frank D. Smith,	<i>Lawrence.</i>
Everett L. Stevens,	<i>Kansas City, Mo.</i>
John M. Stone,	<i>Lecompton.</i>
Amos Tenney,	<i>Lawrence.</i>
Leroy V. Tosch,	<i>Upshur, O.</i>
Philip I. Tresch,	<i>Shelton, Ind.</i>
Granger Wood,	<i>Waveland.</i>

SUMMARY.

COLLEGIATE DEPARTMENT.		Males.	Fem's.	Total.
Classical Course—	{ Sophomore Class.....	2	2
	{ Freshman Class.....	5	5	10
Scientific Course—	{ Junior Class.....	1	1	2
	{ Sophomore Class.....	1	4	5
	{ Freshman Class.....	1	6	7
Select Course.....		5	14	19
PREPARATORY DEPARTMENT.				
Classical Course—	{ Senior Class.....	6	2	8
	{ Middle Class.....	8	2	10
	{ Junior Class.....	9	17	26
Scientific Course—	{ Senior Class.....	4	1	5
	{ Middle Class.....	9	14	23
	{ Junior Class.....	14	22	36
Select Course.....		38	36	77
		103	124	227

Courses of Instruction.

COLLEGIATE DEPARTMENT.

Of the several Departments contemplated in the act of incorporation, only one has been as yet organized, viz.: the *Department of Science, Literature and the Arts*. This Department, at present, comprises three courses of instruction, viz.:—a *Classical Course*, leading to the degree of Bachelor of Arts; a *Scientific Course*, leading to the degree of Bachelor of Science; and a *Course in Civil and Topographical Engineering*, leading to the degree of Bachelor of Civil and Topographical Engineering. Other courses of instruction will be added as the growth of the State and of the University may render advisable.

Terms of Admission.

Candidates for admission to the *Freshman Class*, in the CLASSICAL COURSE, are examined in the following studies, viz.:

Cæsar—four books.
 Virgil—the first six books in the *Æneid*.
 Arnold's Latin Prose Composition, to the Passive Voice.
 Crosby's First Lessons in Greek.
 Xenophon's *Anabasis*—three books.
 Arithmetic.
 Geography.
 English Grammar.
 Algebra, to Quadratic Equations.
 Geometry—the first four books.

Candidates for admission to the *Freshman Class* of the SCIENTIFIC COURSE are examined in the following studies, viz.:

English Grammar.
 Geography.
 History of the United States.
 Elementary Natural Philosophy.
 Elementary Botany.
 Elementary Physiology.
 Arithmetic.
 Algebra, to Quadratic Equations.
 Geometry—the first four books.

Advanced Standing.

Candidates for admission to advanced standing are examined in all the studies previously pursued by the classes which they propose to enter.

Testimonials.

Testimonials of good moral character are in all cases required. Students who are admitted from other Colleges must produce certificates of dismissal in good standing.

CLASSICAL COURSE.

Freshman Class.**FIRST SESSION.**

Latin—Cicero de Amicitia ; Latin Prose Composition.

Greek—Herodotus ; Greek Prose Composition.

Algebra.

English—Structure and History of the English Language.

Vocal Music—Harmony ; Choral Harmonization ; Choral Composition.

SECOND SESSION.

Latin—Livy ; Latin Prose Composition.

Greek—Homer's Odyssey ; Greek Prose Composition.

Geometry.

English—Rhetoric ; Composition.

Vocal Music—History and Aesthetics of Music ; Philosophy of Musical Sounds.

Sophomore Class.**FIRST SESSION.**

Latin—Horace's Odes and Epistles.

Greek—Demosthenes' Select Orations.

Trigonometry.

English—Modern History.

SECOND SESSION.

Latin—Select Comedies and Satires.

Greek—Demosthenes de Corona.

Analytical Geometry.

English—Modern History.

Junior Class.

FIRST SESSION.

Latin—Tacitus.

Physics.

Mechanics.

History of English Literature.

Physical Geography and Geology.

SECOND SESSION.

German or French.

English Literature; Prosody; History of the English Language.

Geology.

Physics.

Mechanics.

Logic.

Senior Class.

FIRST SESSION.

German or French.

Mental Philosophy.

Political Economy; Rhetoric.

Astronomy.

Natural Theology.

General Chemistry—Lectures, with experiments.

SECOND SESSION.

Moral Philosophy.

Constitutional History and Law.

Astronomy.

Butler's Analogy.

General Chemistry—Lectures, with experiments.

SCIENTIFIC COURSE.**Freshman Class.**

FIRST SESSION.

Algebra.

English—Structure and History of English Language.

Modern History.

Human Anatomy and Physiology.

French or German.

Elementary Laboratory Practice in Chemistry.

Vocal Music—Harmony; Choral Harmonization; Choral Composition.

SECOND SESSION.

Geometry.

English—Rhetoric and Composition.

Ancient History.

Botany, with Field Practice.

Human Anatomy and Physiology.

French or German.

Elementary Laboratory Practice in Chemistry.

Vocal Music—History and Aesthetics of Music; Philosophy of Musical Sounds.

Sophomore Class.

FIRST SESSION.

Zoology.

Trigonometry, with instruction in the theory, adjustment and use of instruments.

English—Modern History.

Drawing.

Office and Field Practice in Surveying and Leveling.

Laboratory and Field Practice in Zoology and Botany.

SECOND SESSION.

Zoology.

Analytical Geometry.

English—Modern History.

Drawing.

Laboratory and Field Practice in Zoology and Botany.

Observatory and Field Practice in Astronomy.

Junior Class.

FIRST SESSION.

Calculus.
Physics.
Mechanics.
Physical Geography and Geology.
Laboratory and Field Practice in Geology.
Higher Laboratory Practice in Chemistry.
History of English Literature.

SECOND SESSION.

Calculus.
Physics.
Mechanics.
Geology.
Logic.
Laboratory and Field Practice in Geology.
Higher Laboratory Practice in Chemistry.
History of English Literature.

Senior Class.

FIRST SESSION.

Mental Philosophy.
Political Economy.
Astronomy.
Mineralogy.
Meteorology.
General Chemistry—Lectures, with experiments.
Observatory and Field Practice in Astronomy.

SECOND SESSION.

Moral Philosophy.
Constitutional History and Law.
Mineralogy.
Astronomy.
Meteorology.
General Chemistry—Lectures, with experiments.
Observatory and Field Practice in Astronomy.

COURSE IN CIVIL AND TOPOGRAPHICAL ENGINEERING.

Freshman Class.

Studies—Same as those of Freshman Class in Scientific Course.

Sophomore Class.

Studies—Same as those of Sophomore Class in Scientific Course.

Junior Class.

FIRST SESSION.

Differential and Integral Calculus; Analytic Mechanics.

Descriptive Geometry and its applications to Shades, Shadows, and Perspective.

Drawing of Plans, Profiles, Elevations, &c.

Laboratory Practice in Quantitative Analysis.

Physics.

French.

German.

SECOND SESSION.

Analytic Mechanics continued.

Spherical Astronomy; Geodesy with determination of Latitude and Longitude.

Construction of Roads, Railways, and Canals.

Laboratory Practice in Quantitative Analysis.

Logic.

French.

German.

Senior Class.

FIRST SESSION.

Descriptive Geometry applied to Masonry and Carpentry.

Drawing of Plans, Profiles, and Elevations.

Structures of *Wood*—Framing; Roofs and Bridges.

Structures of *Stone*—Foundations, Arches, and Bridges.

Field Practice.

SECOND SESSION.

Structures of *Iron*—Foundations, Beams Girders, and Columns.

Geology and Chemistry of the Materials used in Construction.

Field Practice.

Supply and Distribution of *Water*; Distribution of Gas; Drainage.

Lectures on History, Political Economy, and the Science of Government.

Lectures on Mental and Moral Philosophy.

PREPARATORY DEPARTMENT.

This Department has been organized to supply the existing want of suitable Preparatory Schools in the State, and therefore will not be made a permanent feature of the University.

Terms of Admission.

Candidates for admission to the Junior Class are examined in the following studies, viz.:

Orthography.
Reading.
Mental Arithmetic.
Written Arithmetic, to Interest.
Elements of Geography.
Elements of English Grammar.

Advanced Standing.

Candidates for admission to advanced standing are examined in all the studies previously pursued by the classes which they propose to enter.

Testimonials.

Testimonials of good moral character are in all cases required.

CLASSICAL COURSE.

Junior Class.**FIRST SESSION.**

Latin—Harkness' Latin Grammar and Latin Reader.
English—Elementary Grammar; Composition; Elocution.
Arithmetic.
Descriptive Geography; Map Drawing.

SECOND SESSION.

Latin—Cornelius Nepos.
English—Elementary Grammar; Composition; Select Declamations.
Arithmetic
Elementary Botany, with Field Practice.
Descriptive Geography; Map Drawing.

Middle Class.**FIRST SESSION.**

Latin—Cæsar's Commentaries; Harkness' Latin Grammar.
Higher Arithmetic.
Elementary Natural Philosophy.
History of the United States.
Physical Geography.
Drawing.
Vocal Music—Notation; Solmization; Major Scales; Registers of Voice; Chorus Singing.

SECOND SESSION.

Latin—Cicero's Orations; Latin Prose Composition.
Elementary Algebra.
Elementary Natural Philosophy.
History of the United States; Outline of the Constitution; Lectures.
Physical Geography; Drawing of Physical Charts.
Drawing.
Vocal Music—Notation; Solmization; Major Scales; Registers of Voice; Chorus Singing.

Senior Class.**FIRST SESSION.**

Latin—Cicero's Orations; Latin Prose Composition.

Greek—Crosby's First Lessons.

Elementary Algebra.

Elementary Zoology.

English Analysis and Composition.

Descriptive Astronomy; Use of Globes; Telescopic Observation of the Planets, &c.

Vocal Music—Intervals; Minor and Chromatic Scales; Chorus Singing.

SECOND SESSION.

Latin—Virgil's *Æneid*; Prosody.

Greek—Xenophon's *Anabasis*.

Geometry—first four books.

Elementary Zoology, with Field Practice.

English—Etymology and Synonyms.

Descriptive Astronomy; Evening Study of Constellations; Telescopic Observations.

Vocal Music—Intervals; Minor and Chromatic Scales; Chorus Singing.

SCIENTIFIC COURSE.

Junior Class.**FIRST SESSION.**

English—Elementary Grammar; Composition; Elocution.

Descriptive Geography; Map Drawing.

Arithmetic.

French or Latin.

Vocal Music.

SECOND SESSION.

Elementary Botany, with Field Practice.
English—Elementary Grammar; Composition; Select Declamations.
Arithmetic.
Descriptive Geography; Map Drawing.
French or Latin.
Vocal Music.

Middle Class.

FIRST SESSION.

Elementary Algebra.
Elementary Natural Philosophy.
History of the United States.
Physical Geography.
Elementary Chemistry.
Drawing.
French or Latin.
Vocal Music—Notation; Solmization; Major Scales; Registers of Voice; Chorus Singing.

SECOND SESSION.

Higher Arithmetic.
Elementary Natural Philosophy.
History of the United States; Outline of the Constitution; Lectures.
Elementary Chemistry.
Physical Geography; Drawing of Physical Charts.
French or Latin.
Drawing.
Vocal Music—Notation; Solmization; Major Scales; Registers of Voice; Chorus Singing.

Senior Class.

FIRST SESSION.

Elementary Course in Human Anatomy and Physiology.
Elementary Algebra.
English Analysis and Composition.
Elementary Zoology.
Descriptive Astronomy; Use of Globes; Telescopic Observations of Planets, &c.
German or French or Latin.
Vocal Music—Intervals; Minor and Chromatic Scales; Chorus Singing.

SECOND SESSION.

Elementary Course in Human Anatomy and Physiology.

English—Etymology and Synonyms.

Geometry—the first four books.

Elementary Zoology, with Field Practice.

Descriptive Astronomy; Evening Study of the Constellations; Telescopic Observations.

German or French or Latin.

Vocal Music—Intervals; Minor and Chromatic Scales; Chorus Singing.

Miscellaneous Information.

SELECT COURSES OF STUDY.

Students who desire to confine their attention to special branches, adapted to their requirements and attainments, are permitted, subject to the advice of the Faculty, to take such a select course of study as they can pursue with advantage.

APPARATUS OF INSTRUCTION.

The *Chemical Department* is supplied with laboratory stands and with the apparatus and chemicals requisite for a complete course of laboratory practice in Analytical Chemistry.

The Department of Astronomy is provided with a Green's *Standard Barometer* and Thermometer, an Astronomical Clock, and a five-foot Astronomical Transit with illuminating lamps, for the use of students in Observatory Practice; and with a Gambey's Sextant, an Artificial Horizon, and a Negus Box Chronometer, for use in Field Practice in Astronomy.

The Department of Engineering possesses an Engineer's Transit, an Engineer's Y Level, and all the requisite accompaniments for the most approved kind of *Office* and *Field* work in Engineering.

The collection of Philosophical Apparatus affords the means of making a wide range of experimental illustrations in Mechanics and Physics.

The Cabinets for the illustration of Geology, Mineralogy and Zoology, contain a valuable and useful collection of specimens. The friends of the University are invited, to send to these Cabinets such specimens as may add to their completeness.

SESSIONS AND VACATIONS.

The Academic year is divided into two sessions of twenty weeks each. The first or winter session is relieved by a recess, which includes the Christmas and New Year holidays; the second or summer session, by a

recess of one week, beginning at or near the 20th of March. The summer vacation begins at Commencement, and continues twelve weeks.

Students are particularly requested to be punctual in their attendance at the opening of the sessions, as indicated in the calendar.

EXAMINATIONS.

Public examinations of the classes are held at the close of each session, on the studies of the session ; and, at the close of the Academic year, on all the studies of the year.

The time allotted to each examination is equally divided between *oral* and *written* exercises.

EXPENSES.

By the munificence of the State, tuition in the University has been made free in all its departments. No charges are made, except an annual contingent fee of \$10.

Orphans of soldiers, and of citizens killed in Quantrell's raid, are exempt from the payment of the contingent fee.

Board in private families may be had for \$4 per week.

By uniting in clubs, and boarding themselves, students may reduce their expenses one-half.

LIBRARY.

The nucleus of a Library has been secured, to which additions are being made from time to time.

LITERARY SOCIETY.

A large and well conducted Literary Society holds weekly meetings, on Friday evenings, in the University Chapel.

DEGREES.

The degree appropriate to each Course of Study is conferred upon students who have completed the Course, and have passed satisfactory examination in the same.

DEVOTIONAL EXERCISES.

Devotional exercises are held in the Chapel every morning. All the students who recite during the first hour, are required to be present.

DISCIPLINE.

Students are required to be in their places, at all stated exercises, from the beginning to the end of their connection with the University.

Students must present a satisfactory excuse for every absence from any class or duty, before they will be permitted to resume their places in the University.

Excuses for absence from recitation must in all cases be rendered to the Professor who conducts the recitation, and shall by him be reported to the Faculty for record.

All unexcused delinquencies are registered; and when the number amounts to five, notice thereof is given to the student and to his parent or guardian. When the number of unexcused delinquencies amounts to ten, the student ceases to be a member of the University.

Students are not allowed to absent themselves from town without permission from the President.

DONATIONS.

By the respective publishers:

The Kansas Daily Commonwealth.
The Leavenworth Daily Times.
The Lawrence Daily Tribune.
The Lawrence Democratic Standard.
The Manhattan Standard.

By Hon. JAMES D. SNODDY, of Mound City:

Public Laws of Kansas Territory, 1858.
Private Laws of Kansas Territory, 1858.
General Laws of Kansas Territory, 1859.
Council Journal of Legislature Kansas Territory, 1860.
Statutes of Kansas Territory, 1860.
Council Journal of Kansas Territory, 1861.
House Journal of Kansas Territory, 1861.
Journal of Missouri State Convention, 1861.

By J. E. BARTLETT, Esq.:

600 specimens of Minerals, including Copper Ores, Iron Ores, Geodes, and Fossils of the Mississippi Valley.

By JOSEPH SAVAGE, Esq.:

150 specimens of Minerals and Fossils of Western Kansas, including the remains of two gigantic Saurians.

By WM. H. SAUNDERS, M. D.:

Specimens illustrating the various Coal formations of Kansas.

By ABRAM CUTLER, Esq.:

40 specimens of Fossils and Crystals from Neosho and Labette counties.

By Hon. P. McVICAR:

Specimens of Gold and Silver Ores from Colorado.

Collected by Prof. F. H. SNOW:

600 specimens (307 species) of Kansas Plants.

500 specimens (250 species) of Insects.

50 alcoholic specimens of Fishes, Reptiles, &c.

Also by the same, in exchange with F. H. DART, Esq., of Ridgeway, Kansas:

200 specimens (50 species) of Land Shells.

By Miss TILLY SILVERTHORN, of Denver, Colorado Territory:

Forest Rock.

By Mr. WILLIAM LAMBERT, of Denver, Colorado Territory:

Silver Ore.

By Mr. KETTLE, of Denver, Colorado Territory:

One Black-Tailed Deer.

By Prof. HAMILTON, of Denver, Colorado Territory:

Various kinds of Gypsum and Chalcedony.

And many single specimens from various sources, not enumerated.

CALENDAR FOR 1871.

Jan. 3—Christmas Recess ends.....	Tuesday.
Jan. 19—Semi-annual Examinations begin.....	Thursday.
Jan. 24—Semi-annual Examinations end.....	Tuesday.
Jan. 24—First Session ends.....	Tuesday.
Jan. 25—Second Session begins.....	Wednesday.
March 18—Spring Recess begins.....	Saturday.
March 25—Spring Recess ends.....	Saturday.
June 7—Annual Examinations begin.....	Wednesday.
June 13—Annual Examinations end.....	Tuesday.
June 14—Second Session ends.....	Wednesday.

Summer Vacation of Twelve Weeks.

Sept. 6—First Session begins.....	Wednesday.
Sept. 6— { Examination of Candidates for Admission....	{ Wednesday.
Sept. 7— {	{ Thursday.
Dec. 21—Christmas Recess begins.....	Thursday.

CALENDAR FOR 1872.

Jan. 2—Christmas Recess ends.....	Tuesday.
Jan. 18—Semi-annual Examinations begin.....	Thursday.
Jan. 23—Semi-annual Examinations end.....	Tuesday.
Jan. 23—First Session ends.....	Tuesday.
Jan. 24—Second Session begins.....	Wednesday.
March 17—Spring Recess begins.....	Saturday.
March 24—Spring Recess ends.....	Saturday.
June 6—Annual Examinations begin.....	Wednesday.
June 12—Annual Examinations end.....	Tuesday.
June 13—Second Session ends.....	Wednesday.

Summer Vacation of Twelve Weeks

Sept. 5—First Session begins.....	Wednesday.
Sept. 5— { Examination of Candidates for Admission....	{ Wednesday.
Sept. 6— {	{ Thursday.
Dec. 21—Christmas Recess begins.....	Friday.

LOCATION

The University is located in the city of Lawrence, Douglas County, Kansas, about a mile from the intersection of the Kansas Pacific, and Leavenworth, Lawrence and Galveston Railways.

ORGANIZATION OF THE UNIVERSITY.

I. Act of Congress.

By act of Congress it was ordered :

“ That seventy-two sections of land shall be set apart and reserved for the use and support of a State University, to be selected by the Governor of said State, subject to the approval of the Commissioners of the General Land Office, and to be appropriated and applied in such a manner as the Legislature of said State may prescribe, for the purposes aforesaid, but for no other purpose.”

Approved January 29th, 1861.

II. Constitutional Provision.

SECTION 7. Provision shall be made by law for the establishment, at some eligible and central point, of a State University, for the promotion of literature and the arts and sciences, including a Normal and Agricultural Department. All funds arising from the sale and rents of lands granted by the United States to the State for the support of a State University, and all other grants, donations or bequests, either by the State or by individuals for such purposes, shall remain a perpetual fund, to be called the “ University Fund,” the interest of which shall be appropriated to the support of a State University.

SEC. 8. No religious sect or sects shall ever control any part of the Common School or University Funds of the State.

III. University Charter.

SECTION 1. There shall be established in this State, at or near the city of Lawrence, in the county of Douglas, on the grounds secured for that purpose, pursuant to the act entitled “ An act to locate the State Univer-

sity," passed Feb. 20, 1863, an institution of learning, under the name of the University of Kansas.

SEC. 2. The object of the University shall be to provide the inhabitants of this State with the means of acquiring a thorough knowledge of the various branches of Literature, Science and the Arts.

SEC. 3. The government of the University shall vest in a Board of Regents, to consist of a President and twelve members, who shall be appointed as hereinafter provided, and the Superintendent of Public Instruction and Secretary of State shall also, during their respective terms of office, be *ex-officio* members of said Board. A majority of the Board shall constitute a quorum for the transaction of business.

SEC. 4. The members of the Board of Regents shall be appointed by the Governor of the State, by and with the advice and consent of the Senate, two-thirds of the Senators concurring therein, and shall hold their offices respectively, except those appointed to the first Board, for the term of six years from the first Monday of September succeeding their appointment, and until the appointment of a successor: *Provided*, That not more than three of the Regents to be appointed shall be members of the same religious denomination. Immediately upon the passage of this act, it shall be the duty of the Governor to appoint the members of the first Board of Regents, four of whom he shall appoint for two, four for four, and four for six years, from the first day of September next; and every second year after the passage of this act, there shall be appointed, as aforesaid, for the term of six years, four members of said Board, whose terms of office shall commence on the first day of September after their appointment.

SEC. 5. Whenever there shall be a vacancy in the office of Regent of the University, from any cause whatever, it shall be the duty of the Governor to fill such vacancy by appointment, and the person or persons so appointed shall continue in office until the close of the Legislature next thereafter, and until others are appointed in their stead.

SEC. 6. The Regents of the University, and their successors in office, shall constitute a body corporate, with the name and style of the Regents of the University of Kansas, with the right, as such, of suing and being sued, of contracting and being contracted with, of making and using a common seal, and altering the same at pleasure.

SEC. 7. The Regents shall appoint a Secretary, a Treasurer and a Librarian, who shall hold their respective offices during the pleasure of the Board. It shall be the duty of the Secretary to record all the proceedings of the Board, and carefully to preserve all its books and papers. The Treasurer shall keep a true and faithful account of all moneys

received and paid out by him, and shall give such bonds for the faithful performance of the duties of his office as the Regents may require.

SEC. 8. The Regents shall have power, and it shall be their duty, to enact laws for the government of the University, to elect a Chancellor, who shall be, *ex-officio*, President of the Board of Regents, or, when absent, the Board appoint a President *pro tem*. They may also appoint a requisite number of Professors and Tutors, and such other officers as they may deem expedient; also determine the amount of their respective salaries.

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SEC. 10. The University shall consist of six departments. First, the Department of Science, Literature and the Arts; second, the Department of Law; third, the Department of Medicine; fourth, the Department of Theory and Practice of Elementary Instruction; fifth, the Department of Agriculture; sixth, the Normal Department. The immediate government of the several departments shall be entrusted to their respective Faculties, but the Regents shall have the power to regulate the course of instruction, and prescribe, under the advice of the Professor, the books and authorities to be used in the several departments, and also to confer such degrees and grant such diplomas as are usually conferred and granted by other Universities.

SEC. 11. The Regents shall have power to remove any officer connected with the institution when in their judgment the interests require it.

SEC. 12. The fee of admission to the University shall never exceed ten dollars, and the charge for tuition in the first and fourth Departments shall never exceed in one year, to the residents of the State, thirty dollars; and, as soon as the increase of the University fund will permit, tuition in those Departments shall be without charge to all students in the same who are residents of the State.

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SEC. 14. The Regents shall make a report annually to the Legislature, at its regular session, exhibiting the state and progress of the University in its several Departments, the course of study, the number of Professors and students, the amount of expenditures, and such other information as they may deem proper. Meetings of the Board may be called in such manner as the Regents may prescribe, and any seven of them, at a meeting regularly called, shall be a quorum for the transaction of business, and a less number may adjourn from time to time. No sectarian tenets

or opinions shall be required to entitle any person to be admitted as a student in said University, and no such tenets or opinions shall be required as a qualification for any person as Tutor or Professor of said University.

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SEC. 16. This act to take effect on and after its passage.

Approved March 4, 1864.



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